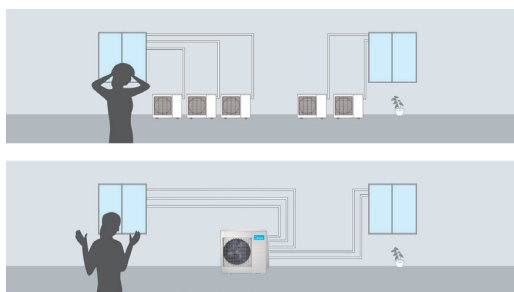




MULTISYSTEM SUITE

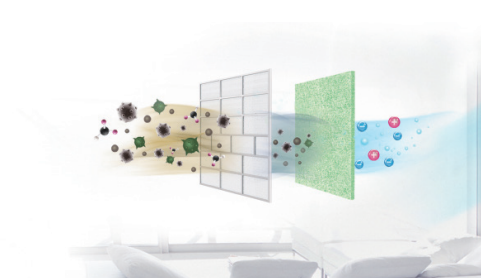
RESIDENTIAL PRODUCT RANGE

The Kaysun Multisystem range is designed to provide comfort and technology to every space. This is a flexible and versatile range that allows multiple combinations with different types of indoor units. All outdoor units are fitted with a DC Inverter compressor and fan, while all indoor units also have a DC Inverter fan. These units are the perfect solution for small spaces in which a larger scale installation is not possible.



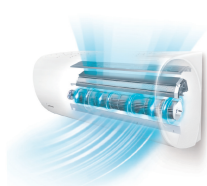
Installation space saving

The Multisystem units are designed to save outdoor space, as up to 5 indoor units can be connected to a single outdoor unit.



Anti-allergen and anti-odour filters

All indoor Kaysun indoor wall units are fitted with two filters. The high-density filter that removes 80% of dust and pollen, in which the anti-dust effect is 50% greater than for a standard filter. And the active carbon filter which cleans the air of bacteria and unpleasant odours.



DC fans

All fan motors in the Kaysun Suite units are direct current. These fans feature low power consumption, excellent efficiency and high performance, accompanied by the ideal fan running speed.



WIFI

It is possible to control Kaysun units via a tablet or smartphone as an option. It can be set to manage the units remotely, and programmed weekly.

Outdoor units



Model		KAM2-42 DR8	KAM2-52 DR8	KAM3-52 DR8
Cooling capacity rated	kW	4.1	5.28	5.28
Heating capacity rated	kW	4.39	5.57	5.57
Cooling input rated	W	1270	1630	1450
Heating input rated	W	1200	1500	1380
SEER		6.8 - A++	6.6 - A++	6.8 - A++
SCOP warm areas		4	4	5.1
No. indoor units		2	2	3
Compressor type		Rotary	Rotary	Rotary
Air flow	m ³ /h	2200	2200	2100
Sound pressure	dB(A)	57	56	57
Sound power level	dB(A)	66	63	64
Width / Height / Depth	mm	800 / 554 / 333	800 / 554 / 333	805 / 554 / 330
Net weight	kg	31.6	35.5	36.2
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Power wiring	mm ²	(2+T)x2,5	(2+T)x2,5	(2+T)x4
Communication wiring	mm ²	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5
> Refrigerant				
Type refrigerant		R-32	R-32	R-32
Refrigerant charge	kg	0.9	1.25	1.5
Pre-charge meters	m	15	15	15
Liquid / Gas pipe diameter	inch	2x 1/4" / 2x 3/8"	2x 1/4" / 2x 3/8"	3x 1/4" / 3x 3/8"
Piping total length	m	40	40	60
Vertical piping max. length	m	15	15	15
Piping max. length (1 indoor unit)	m	25	25	25
Height difference between indoor units	m	10	10	10
> Working range				
Outdoor ambient temperature for cooling min. / max.	°C	-15 / 50	-15 / 50	-15 / 50
Outdoor ambient temperature for heating min. / max.	°C	-15 / 24	-15 / 24	-15 / 24

Cooling and heating capacity. Cooling and heating input. Energy efficiency: The energy coefficients are calculated under standard conditions. The actual operation conditions depend on the place in which the equipment has been installed and the use made of it.

Sound pressure: Measurement of the sound pressure is taken using an anechoic chamber at a distance of 1 m from the machine.

Power wiring: The power wiring is up to 10 m approximately. It must be calculated more precisely for each installation.

Supplementary charge: The initial charging of the outdoor machines is valid for the first 7.5 m (liquid line). A supplementary charge of 0.012 kg/m is required for greater distances per each additional metre.

NOTE: Before installing these units, current legislation regarding refrigerant gases must be consulted.

(*): Check availability. Models available from summer 2022, with the end of stock of the current models.



Model		KAM3-62 DR8	KAM3-78 DR8	KAM4-80 DR7
Cooling capacity rated	kW	6.15	7.91	8.2
Heating capacity rated	kW	6.59	8.21	8.79
Cooling input rated	W	1900	2450	2500
Heating input rated	W	1770	2200	2400
SEER		6.5 - A++	6.7 - A++	6.5 - A++
SCOP warm areas		4	4	4
No. indoor units		3	3	4
Compressor type		Rotary	Rotary	Rotary
Air flow	m³/h	3000	2700	3800
Sound pressure	dB(A)	57.5	54	61
Sound power level	dB(A)	66	67	69
Width / Height / Depth	mm	845 / 702 / 363	845 / 702 / 363	946 / 810 / 410
Net weight	kg	46.8	53	62.1
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Power wiring	mm²	(2+T)x4	(2+T)x4	(2+T)x4
Communication wiring	mm²	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5
> Refrigerant				
Type refrigerant		R-32	R-32	R-32
Refrigerant charge	kg	1.4	1.72	2.1
Pre-charge meters	m	22.5	22.5	30
Liquid / Gas pipe diameter	inch	3x 1/4" / 3x 3/8"	3x 1/4" / 3x 3/8"	4x 1/4" / 3x 3/8" + 1x 1/2"
Piping total length	m	60	60	80
Vertical piping max. length	m	15	15	15
Piping max. length (1 indoor unit)	m	30	30	35
Height difference between indoor units	m	10	10	10
> Working range				
Outdoor ambient temperature for cooling min. / max.	°C	-15 / 50	-15 / 50	-15 / 50
Outdoor ambient temperature for heating min. / max.	°C	-15 / 24	-15 / 24	-15 / 24

Outdoor units



Model		KAM4-105 DR7	KAM5-120 DR8
Cooling capacity rated	kW	10.55	12.31
Heating capacity rated	kW	11.14	12.6
Heating capacity rated at -7°C	kW	7.33	8.54
Cooling input rated	W	3265	3800
Heating input rated	W	2840	3300
COP at -7°C		3.11	2.1
SEER		6.5 - A++	6.5 - A++
SCOP warm areas		3.8	3.7
No. indoor units		4	5
Compressor type		Rotary	Rotary
Air flow	m³/h	4000	3850
Sound pressure	dB(A)	63	61.5
Sound power level	dB(A)	68	70
Width / Height / Depth	mm	946 / 810 / 410	946 / 810 / 410
Net weight	kg	68.8	74.1
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50
Power wiring	mm²	(2+T)x6	(2+T)x6
Communication wiring	mm²	(3+T)x2,5	(3+T)x2,5
> Refrigerant			
Type refrigerant		R-32	R-32
Refrigerant charge	kg	2.1	2.9
Pre-charge meters	m	30	37.5
Liquid / Gas pipe diameter	inch	4x 1/4" / 3x 3/8" + 1x 1/2"	5x 1/4" / 4x 3/8" + 1x 1/2"
Piping total length	m	80	80
Vertical piping max. length	m	15	15
Piping max. length (1 indoor unit)	m	35	35
Height difference between indoor units	m	10	10
> Working range			
Outdoor ambient temperature for cooling min. / max.	°C	-15 / 50	-15 / 50
Outdoor ambient temperature for heating min. / max.	°C	-15 / 24	-15 / 24

Indoor units

Casual

KID-05.3 S
Standard



Model		KAY-CF 20 DR12	KAY-CF 26 DR12	KAY-CF 35 DR12	KAY-CF 52 DR12	KAY-CF 71 DR12
Cooling capacity rated	kW	205	263	3.52	5.28	7.03
Heating capacity rated	kW	264	293	3.81	5.57	7.33
Air flow low / medium / high	m³/h	259 / 333 / 439	259 / 333 / 439	325 / 430 / 540	540 / 680 / 840	662 / 817 / 980
Sound pressure low / medium / high	dB(A)	25 / 31 / 38	250 / 310 / 380	25 / 34.5 / 40.5	26 / 36 / 42.5	36 / 40.5 / 45
Sound power level	dB(A)	50	50	55	56	59
Width / Height / Depth	mm	715 / 285 / 194	715 / 285 / 194	805 / 285 / 194	957 / 302 / 213	1040 / 327 / 220
Net weight	kg	70	70	7.6	10	12.3
Communication wiring	mm²	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5
Liquid / Gas pipe diameter	inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	3/8" / 5/8"

See compatibility of controllers in the range 1x1

KID-06 S
Standard



Prodigy Pro

Model		KAY-P 26 DR12	KAY-P 35 DR12	KAY-P 52 DR12	KAY-P 71 DR12
Cooling capacity rated	kW	2.72	3.52	5.28	7.03
Heating capacity rated	kW	3.13	3.96	5.57	7.33
Air flow low / medium / high	m³/h	280 / 360 / 530	290 / 380 / 560	400 / 580 / 685	379 / 724 / 1092
Sound pressure low / medium / high	dB(A)	21.5 / 32 / 40	22 / 34 / 41	23 / 35 / 41	33 / 40 / 44.5
Sound pressure silence	dB(A)(x1)	20.5	21	22	21
Sound power level	dB(A)	55	55	59	65
Width / Height / Depth	mm	857 / 300 / 231	857 / 300 / 231	1024 / 321 / 246	1197 / 371 / 280
Net weight	kg	10.2	10.2	12.3	20
Communication wiring	mm²	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5
Liquid / Gas pipe diameter	inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	3/8" / 5/8"

See compatibility of controllers in the range 1x1

KID-05.4 S
Standard



Onnix 2.0

Model		KAY-D 26 DR11	KAY-D 35 DR11	KAY-D 52 DR11
Cooling capacity rated	kW	2.63	3.52	5.28
Heating capacity rated	kW	2.93	3.81	5.57
Air flow low / medium / high	m³/h	425 / 515 / 700	425 / 515 / 700	430 / 530 / 750
Sound pressure low / medium / high	dB(A)	21.5 / 32.5 / 40	21.5 / 32.5 / 40	33.5 / 36.5 / 41
Sound power level	dB(A)	53	53	54
Width / Height / Depth	mm	921 / 321 / 211	921 / 321 / 211	921 / 321 / 211
Net weight	kg	11.3	11.3	11.3
Communication wiring	mm²	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5
Liquid / Gas pipe diameter	inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"

See compatibility of controllers in the range 1x1

KID-06 S
Standard



Double Flow Console

Model		KSD-26 DR14-2	KSD-35 DR14-2	KSD-52 DR14-2
Cooling capacity rated	kW	3.52	3.52	5
Heating capacity rated	kW	3.81	3.81	5.28
Air flow low / medium / high	m³/h	490 / 580 / 650	490 / 580 / 650	600 / 690 / 780
Sound pressure low / medium / high	dB(A)	27 / 34 / 37	27 / 34 / 37	32 / 38 / 41
Sound power level	dB(A)	54	54	55
Width / Height / Depth	mm	794 / 621 / 200	794 / 621 / 200	794 / 621 / 200
Net weight	kg	14.9	14.9	14.9
Communication wiring	mm²	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5
Liquid / Gas pipe diameter	inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"

See compatibility of controllers in the range 1x1

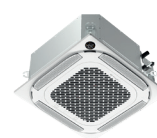
Cooling and heating capacity: The energy coefficients are calculated under standard conditions. The actual operation conditions depend on the place in which the equipment has been installed and the use made of it.

Sound pressure: Measurement of the sound pressure is taken using an anechoic chamber at a distance of 1 m from the machine.

Communication wiring:

NOTE: Before installing these units, current legislation regarding refrigerant gases must be consulted.

KID-06 S
Standard

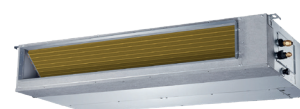


Cassettes 600x600 & 840x840

Model		KCI-20 DMR15	KCI-26 DR15	KCI-35 DR15	KCI-52 DR15	KCIS-71 DR14
Cooling capacity rated	kW	2.05	2.63	3.52	5.28	7.03
Heating capacity rated	kW	2.64	2.93	3.81	5.57	7.62
Air flow low / medium / high	m ³ /h	330 / 520 / 620	330 / 520 / 620	330 / 520 / 620	300 / 540 / 660	1000 / 1140 / 1300
Sound pressure low / medium / high	dB(A)	31.5 / 38.5 / 42	31.5 / 38.5 / 42	31.5 / 38.5 / 42	31.5 / 41 / 44	39.5 / 42.5 / 45.5
Sound power level	dB(A)	55	55	55	59	57
Width / Height / Depth	mm	570 / 245 / 570	570 / 245 / 570	570 / 245 / 570	570 / 245 / 570	830 / 205 / 830
Net weight	kg	16.1	16.1	16.1	16.2	21.6
Communication wiring	mm ²	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5
Liquid / Gas pipe diameter	inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	3/8" / 5/8"
Panel; Model		KPA-03B 600x600	KPA-03B 600x600	KPA-03B 600x600	KPA-03B 600x600	LCAC KPA4-04B 840x840
Panel; Width / Height / Depth	mm	620 / 50 / 620	620 / 50 / 620	620 / 50 / 620	620 / 50 / 620	950 / 55 / 950
Panel; Net weight	kg	2.5	2.5	2.7	2.7	6

See compatibility of controllers in the range Zen

KCT-04.1 SPSWF
Standard



Ducts

Model		KPD-20 DR15	KPD-26 DR15	KPD-35 DR15	KPD-52 DR15	KPD-71 DR15
Cooling capacity rated	kW	2.05	2.64	3.52	5.28	7.09
Heating capacity rated	kW	2.64	2.93	3.81	6.01	8
Air flow low / medium / high	m ³ /h	450 / 540 / 620	450 / 540 / 620	470 / 570 / 660	650 / 780 / 900	700 / 1000 / 1200
Sound pressure low / medium / high	dB(A)	31 / 33 / 35	31 / 33 / 35	31 / 33 / 35	31 / 34 / 36.5	31 / 32.5 / 33.5
Sound power level	dB(A)	52	52	52	53	56
Max. pressure available	Pa	80	80	80	160	160
Air inlet width/height	mm	599/186	599/186	599/186	892/212	1092/212
Air outlet width/height	mm	537/152	537/152	537/152	827/178	1027/178
Width / Height / Depth	mm	700 / 200 / 506	700 / 200 / 506	700 / 200 / 506	700 / 245 / 750	1000 / 245 / 750
Net weight	kg	16.6	16.6	16.6	24.4	31.8
Communication wiring	mm ²	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5	(3+T)x2,5
Liquid / Gas pipe diameter	inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	3/8" / 5/8"

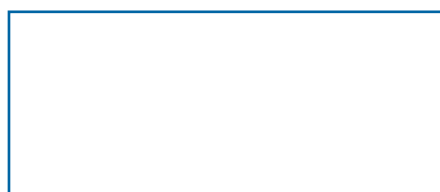
See compatibility of controllers in the range Zen

Cooling and heating capacity. Cooling and heating input. Energy efficiency: The energy coefficients are calculated under standard conditions. The actual operation conditions depend on the place in which the equipment has been installed and the use made of it.

Sound pressure: Measurement of the sound pressure is taken using an anechoic chamber at a distance of 1 m from the machine.

Supplementary charge: The initial charge of the machines is valid for the first 5 m (liquid line). A supplementary charge of 0.012 kg/m is required for greater distances per each additional metre.

NOTE: Before installing these units, current legislation regarding refrigerant gases must be consulted.



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